LOCKHEED ATRCRAFT CORPOR	M. M. A. T141
	CHANGE PROPOSAL X
DATE 2 JANUARY 1963	AFFECTS: WSPO T PROJECT
NAME OF MAJOR COMPONENT ELECTRICAL SYSTEM	PART OR LOWEST SUBASSEMBLY F PART NO. & MODEL OR TYPE RELAYS
TITLE OF PROPOSAL: BATTERY DISCHARGE INDICA	TION AND REVERSE CURRENT RELAY IMPROVEMENT
NATURE OF PROPOSAL:	
1. Replace the existing would combine the fun	Reverse Current Relay and Battery Relay with a relay which tions of both and provide the following improvements:
a. A relay contact exceeds 5 Amps.	which would close whenever battery discharge current
b. Provide an impr	wed spring loaded "differential voltage-reverse current"
c. Provide a Light	Il drop out whenever the relay is de-energized. in the cockpit which will illuminate whenever battery t is 5 Amps or more.
2. Prepare and issue a S	rvice Bulletin and manufacture the necessary kits.
REASON FOR PROPOSAL: 1. Prevent battery discharge complete loss of power	rge without pilots knowledge of same. This would prevent due to low D-C Generator voltage or failure of the
reverse current relay.	due to low b-c Generator voltage or failure of the
"differential voltage- current is drawn by the the relay and allows a	the D-C buss of a generator with low voltage on reversed g Reverse Current Relay has a magnetically latched reverse current contact which will open only if reverse generator. This obviates the differential function of generator with low voltage on reversed polanity to be
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